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(54) PRODUCTION METHOD FOR ABSORBENT MATERIAL

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing a biodegradable absorbent material excellent in blood absorption capability and in physiological saline or urine absorption capability and a method for producing an absorbent material improved in capability for repeated absorption necessary for an absorbent material for absorbing a viscous liquid (e.g. blood) or urine.

SOLUTION: The method for producing the absorbent material comprises cross-linking galactomannan by the addition of a trivalent or higher polyvalent ion of boron and a metal other than boron, crushing the resultant hydrogel in a hydrophilic solvent, adding the polyvalent metal ion if necessary, and heating the crushed liquid.

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